

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|----------------------|------------------|
| 1 | 1349 | (118/719).CCLS. | USPAT; US-PGPUB | 2004/02/05 10:35 |
| 2 | 54 | ((118/719).CCLS.) and liner | USPAT; US-PGPUB | 2004/02/05 11:36 |
| 4 | 6 | arnold-rocky-r\$.in. rocky-arnold.in. | USPAT; US-PGPUB | 2004/02/05 11:37 |
| - | 617 | (118/718).CCLS. | USPAT; US-PGPUB | 2004/02/05 10:33 |
| - | 1 | 09/812,075 | USPAT; US-PGPUB | 2003/05/04 20:54 |
| - | 0 | 20020002945.URPN. | USPAT | 2003/05/04 21:02 |
| - | 1 | ("5364481").PN. | USPAT; US-PGPUB | 2003/05/04 21:16 |
| - | 138 | ((118/718).CCLS.) and cut\$4 | USPAT; US-PGPUB | 2003/05/09 11:00 |
| - | 225 | ((118/718).CCLS.) and rotat\$4 | USPAT; US-PGPUB | 2003/05/04 21:50 |
| - | 55 | ((118/718).CCLS.) and (rotat\$4 with (open\$3 clos\$3 seal)) | USPAT; US-PGPUB | 2003/05/04 22:25 |
| - | 5 | 5364481.URPN. | USPAT | 2003/05/04 22:03 |
| - | 5 | 5364481.URPN. | USPAT | 2003/05/04 22:04 |
| - | 5 | 5364481.URPN. | USPAT | 2003/05/04 22:04 |
| - | 49 | (118/\$.ccls. 156/345.\$ccls.) and (rotat\$4 with triang\$4) | USPAT; US-PGPUB | 2003/05/04 22:43 |
| - | 2398 | ((118/314) or (118/315) or (118/324) or (118/325) or (156/345.2) or (156/345.22) or (156/345.31)).CCLS. | USPAT; US-PGPUB | 2003/05/04 22:44 |
| - | 1 | ((118/314) or (118/315) or (118/324) or (118/325) or (156/345.2) or (156/345.22) or (156/345.31)).CCLS.) and (rotat\$4 with triang\$4) | USPAT; US-PGPUB | 2003/05/04 22:45 |
| - | 2 | c23c016\$.ipc. and (rotat\$4 with triang\$4) | EPO; JPO; DERWENT | 2003/05/04 22:45 |
| - | 332 | (118/227).CCLS. | USPAT; US-PGPUB | 2003/05/05 09:09 |
| - | 559 | ((118/227) or (118/224)).CCLS. | USPAT; US-PGPUB | 2003/05/05 07:58 |
| - | 1041 | (118/323).CCLS. | USPAT; US-PGPUB | 2003/05/05 07:58 |
| - | 462 | ((118/323).CCLS.) and (rotat\$4) | USPAT; US-PGPUB | 2003/05/05 07:59 |
| - | 7 | 5429676.URPN. | USPAT | 2003/05/05 08:40 |
| - | 1 | 5672376.URPN. | USPAT | 2003/05/05 08:52 |
| - | 2 | ("3448717" "5040729").PN. | USPAT | 2003/05/05 09:03 |
| - | 0 | 6358320.URPN. | USPAT | 2003/05/05 09:04 |
| - | 45 | (118/311).CCLS. | USPAT; US-PGPUB | 2003/05/05 09:17 |
| - | 3 | 2000077.URPN. | USPAT | 2003/05/05 09:16 |
| - | 320 | (118/309).CCLS. | USPAT; US-PGPUB | 2003/05/05 09:17 |
| - | 1 | 2572743.URPN. | USPAT | 2003/05/05 09:23 |
| - | 1 | 5861062.URPN. | USPAT | 2003/05/05 09:35 |
| - | 62 | (156/345.22).CCLS. | USPAT; US-PGPUB | 2003/05/05 09:54 |
| - | 160 | (156/345.33).CCLS. | USPAT; US-PGPUB | 2003/05/05 09:54 |
| - | 126 | (156/345.34).CCLS. | USPAT; US-PGPUB | 2003/05/05 09:54 |
| - | 0 | ("441 442").PN. | USPAT; US-PGPUB | 2003/05/05 09:54 |
| - | 38 | (156/345.2).CCLS. | USPAT; US-PGPUB | 2003/05/05 09:54 |
| - | 267 | ((156/345.33).CCLS.) ((156/345.34).CCLS.) | USPAT; US-PGPUB | 2003/05/05 10:26 |
| - | 1 | ("2157944").PN. | USPAT; US-PGPUB | 2003/05/05 10:01 |
| - | 3 | 2157944.URPN. | USPAT | 2003/05/05 10:01 |
| - | 74 | 118/715.ccls. and triang\$4 | USPAT; US-PGPUB | 2003/05/05 10:26 |
| - | 22 | ((156/345.33).CCLS.) ((156/345.34).CCLS.) and triang\$4 | USPAT; US-PGPUB | 2003/05/05 10:37 |

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| - | 2 | 118/\$.ccls. and (filament with cane) | USPAT; | 2003/05/05 10:45 |
| - | 31 | ((156/345.33).CCLS.) | US-PGPUB | 2003/05/05 10:40 |
| - | 656 | ((156/345.34).CCLS.)) and conic\$3 | USPAT; | 2003/05/06 14:43 |
| - | 40 | 118/\$.ccls. and ((chamber enclosure | US-PGPUB | 2003/05/05 13:34 |
| - | 29 | apparatus) with (triang\$4 conical\$4)) | USPAT; | 2003/05/05 10:48 |
| - | 21 | 118/\$.ccls. and (heat\$3 with filament with | US-PGPUB | 2003/05/05 11:02 |
| - | 85 | (support mount)) | USPAT; | 2003/05/05 11:05 |
| - | 36 | filament with cane | US-PGPUB | 2003/05/05 11:10 |
| - | 6 | filament with cane | EPO; JPO; | 2003/05/05 11:07 |
| - | 1 | 156/345.\$ccls. and ((chamber enclosure | DERWENT | 2003/05/05 11:11 |
| - | 0 | apparatus) with (triang\$4 conical\$4)) | USPAT; | 2003/05/05 11:11 |
| - | 30 | 156/345.\$ccls. and ((cross\$1section) with | US-PGPUB | 2003/05/05 15:56 |
| - | 27 | (triang\$4 conical\$4)) | USPAT; | 2003/05/05 12:00 |
| - | 1 | c23c016\$.ipc. and ((cross\$1section) with | US-PGPUB | 2003/05/05 13:35 |
| - | 6 | (triang\$4 conical\$4)) | USPAT; | 2003/05/05 13:37 |
| - | 1 | ("4993360").PN. | US-PGPUB | 2003/05/05 14:38 |
| - | 0 | h011021.ipc. and ((cross\$1section) with | EPO; JPO; | 2003/05/05 14:43 |
| - | 30 | (triang\$4 conical\$4)) | DERWENT | 2003/05/05 13:55 |
| - | 27 | (chamber apparatus enclosure) and | DERWENT | 2003/05/05 13:55 |
| - | 1 | ((cross\$1section) with (triang\$4 | EPO; JPO; | 2003/05/05 14:43 |
| - | 2 | conical\$4)) and (wafer semiconductor | USPAT; | 2003/05/05 14:48 |
| - | 21 | substrate) | US-PGPUB | 2003/05/05 14:43 |
| - | 407 | 118/\$.ccls. and (chamber adj (triang\$4 | USPAT; | 2003/05/05 14:47 |
| - | 65 | conical\$4)) | EPO; JPO; | 2003/05/05 14:49 |
| - | 0 | 118/\$.ccls. and (vacuum with conduit with | US-PGPUB | 2003/05/05 14:50 |
| - | 2 | (detach\$4)) | USPAT; | 2003/05/05 14:50 |
| - | 21 | 156/345.\$ccls. and (heat\$3 with filament | US-PGPUB | 2003/05/05 14:53 |
| - | 407 | with (support mount)) | USPAT; | 2003/05/05 14:54 |
| - | 65 | 156/345.\$ccls. and (heat\$3 with coil with | US-PGPUB | 2003/05/05 14:54 |
| - | 0 | (support mount)) | USPAT; | 2003/05/05 14:54 |
| - | 2 | (heat\$3 with (coil filament) with | US-PGPUB | 2003/05/05 14:54 |
| - | 11 | (support\$3 mount\$3) with (detach\$4 | USPAT; | 2003/05/05 14:54 |
| - | 446 | remov\$4)) | US-PGPUB | 2003/05/05 14:54 |
| - | 118 | (heat\$3 with (coil filament) with | USPAT; | 2003/05/05 14:54 |
| - | 9 | (support\$3 mount\$3) with (detach\$4 | US-PGPUB | 2003/05/05 14:54 |
| - | 109 | remov\$4)) | USPAT; | 2003/05/05 14:54 |
| - | 0 | (heat\$3 with (coil filament) with | US-PGPUB | 2003/05/05 14:54 |
| - | 5 | (support\$3 mount\$3) with (detach\$4 | USPAT; | 2003/05/05 14:54 |
| - | 1 | remov\$4)) | US-PGPUB | 2003/05/05 14:54 |
| - | 61 | 118/724.ccls. and (heat\$3 with | USPAT; | 2003/05/05 14:54 |
| - | 1 | (support\$3 mount\$3) with (detach\$4 | US-PGPUB | 2003/05/05 14:54 |
| - | 1 | remov\$4)) | USPAT; | 2003/05/05 14:54 |
| - | 1 | 118/724.ccls. and ((filament coil) with | US-PGPUB | 2003/05/05 14:54 |
| - | 1 | heat\$3 with (support\$3 mount\$3) with | USPAT; | 2003/05/05 14:54 |
| - | 1 | (detach\$4 remov\$4)) | US-PGPUB | 2003/05/05 14:54 |

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| - | 3 | 118/724.ccls. and ((filament coil) with (support\$3 mount\$3) with (detach\$4 remov\$4)) | USPAT; US-PGPUB | 2003/05/05 14:54 |
| - | 1 | ("5053252").PN. | USPAT; US-PGPUB | 2003/05/05 15:37 |
| - | 337 | 118/\$.ccls. and (vacuum with (mov\$4 detach\$4 remov\$4) with (conduit pipe line)) | USPAT; US-PGPUB | 2003/05/05 16:13 |
| - | 216 | 118/\$.ccls. and (vacuum with (detach\$4 remov\$4) with (conduit pipe line)) | USPAT; US-PGPUB | 2003/05/05 16:14 |
| - | 111 | 118/715-733.ccls. and (vacuum with (detach\$4 remov\$4) with (conduit pipe line)) | USPAT; US-PGPUB | 2003/05/05 16:21 |
| - | 37 | c23c016\$.ipc. and (vacuum with (detach\$4 remov\$4) with (conduit pipe line)) | EPO; JPO; DERWENT | 2003/05/05 16:21 |
| - | 0 | c23c016\$.ipc. and (vacuum with (disconnect\$4) with (conduit pipe line)) | EPO; JPO; DERWENT | 2003/05/05 16:33 |
| - | 17 | 118/715-733.ccls. and (vacuum with (detach\$4 disconnect\$3) with (conduit pipe line)) | USPAT; US-PGPUB | 2003/05/05 16:22 |
| - | 17 | c23c016\$.ipc. and (vacuum with (connect\$4) with (conduit pipe line) with (plural\$3 multipl\$3)) | EPO; JPO; DERWENT | 2003/05/05 16:39 |
| - | 0 | c23c016\$.ipc. and (vacuum with (disconnect\$4) with (conduit pipe line) with (plural\$3 multipl\$3)) | EPO; JPO; DERWENT | 2003/05/05 16:37 |
| - | 28 | c23c016\$.ipc. and (vacuum with (mov\$4) with (source)) | EPO; JPO; DERWENT | 2003/05/05 16:39 |
| - | 1073 | (118/726).CCLS. | USPAT; US-PGPUB | 2003/05/06 10:30 |
| - | 131 | ((118/726).CCLS.) and filament | USPAT; US-PGPUB | 2003/05/06 10:31 |
| - | 291 | ((118/726).CCLS.) and (filament coil) | USPAT; US-PGPUB | 2003/05/06 10:48 |
| - | 0 | ((118/726).CCLS.) and thermoform\$3 | USPAT; US-PGPUB | 2003/05/06 14:25 |
| - | 1248 | (118/719).CCLS. | USPAT; US-PGPUB | 2003/05/06 14:28 |
| - | 0 | ((118/719).CCLS.) and thermoform\$3 | USPAT; US-PGPUB | 2004/02/02 11:37 |
| - | 1 | ("5811050").PN. | USPAT; US-PGPUB | 2003/05/06 14:30 |
| - | 0 | 9/788,263 | USPAT; US-PGPUB | 2003/05/06 14:30 |
| - | 1 | 09/785,975 | USPAT; US-PGPUB | 2003/05/06 14:31 |
| - | 2 | 09/788,263 | USPAT; US-PGPUB | 2003/05/06 14:31 |
| - | 4 | thermoform\$3 same (metallizing metallising) same (chamber apparatus) | USPAT; US-PGPUB | 2003/05/06 14:40 |
| - | 5 | 5811050.URPN. | USPAT | 2003/05/06 14:36 |
| - | 7 | "27610" | EPO; JPO; DERWENT | 2003/05/06 14:41 |
| - | 165 | 118/\$.ccls. and ((chamber enclosure apparatus) with (triang\$4)) | USPAT; US-PGPUB | 2003/05/06 15:21 |
| - | 5 | 5364481.URPN. | USPAT | 2003/05/06 14:55 |
| - | 1 | "5108540".PN. | USPAT | 2003/05/06 15:06 |
| - | 2 | 6291800.URPN. | USPAT | 2003/05/06 15:07 |
| - | 1 | "5525159".PN. | USPAT | 2003/05/06 15:15 |
| - | 1 | 6357385.URPN. | USPAT | 2003/05/06 15:15 |
| - | 12299 | 118/\$.ccls. and (rotat\$3) | USPAT; US-PGPUB | 2003/05/06 15:22 |
| - | 681 | 118/715.ccls. and (rotat\$3) | USPAT; US-PGPUB | 2003/05/06 15:22 |
| - | 627 | 118/719.ccls. and (rotat\$3) | USPAT; US-PGPUB | 2003/05/06 15:30 |
| - | 245 | 118/719.ccls. and (rotat\$3 with (surface face side)) | USPAT; US-PGPUB | 2003/05/06 15:33 |
| - | 273 | 118/715.ccls. and (rotat\$3 with (surface face side)) | USPAT; US-PGPUB | 2003/05/06 15:32 |

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| - | 484 | (118/719.ccls. and (rotat\$3 with (surface face side))) (118/715.ccls. and (rotat\$3 with (surface face side))) | USPAT; US-PGPUB | 2003/05/06 15:34 |
| - | 169 | (metal with (coat\$3 deposit\$3)) same shap\$3 same cut\$4 same (apparatus chamber convey\$3 station) | USPAT; US-PGPUB | 2003/05/08 12:11 |
| - | 169 | (metal with (coat\$3 deposit\$3)) same shap\$3 same cut\$4 same (apparatus chamber convey\$3 station) | USPAT; US-PGPUB | 2003/05/08 12:14 |
| - | 38 | (metal with (coat\$3 deposit\$3)) same shap\$3 same cut\$4 same (apparatus chamber convey\$3 station) | EPO; JPO; DERWENT | 2003/05/08 14:58 |
| - | 1 | ("4201837").PN. | USPAT; US-PGPUB | 2003/05/08 18:02 |
| - | 1 | ("5503941").PN. | USPAT; US-PGPUB | 2003/05/08 18:02 |
| - | 16 | 118/\$.ccls. and ((conic\$ trianl\$) with (out outward) with direct\$3) | USPAT; US-PGPUB | 2003/05/09 10:59 |
| - | 80 | ((conic\$ trianl\$) with (out outward) with direct\$3) with chamber | EPO; JPO; DERWENT | 2003/05/08 20:26 |
| - | 52 | c23c016\$.ipc. and ((conic\$ trianl\$) with (chamber apparatus)) | EPO; JPO; DERWENT | 2003/05/08 20:27 |
| - | 18 | 118/\$.ccls. and ((conic\$ trianl\$) with (chamber apparatus)) | EPO; JPO; DERWENT | 2003/05/08 20:44 |
| - | 546 | 118/\$.ccls. and ((conic\$ trianl\$) with (chamber apparatus)) | USPAT; US-PGPUB | 2003/05/08 20:49 |
| - | 1 | ("4161356").PN. | USPAT; US-PGPUB | 2003/05/08 20:45 |
| - | 25 | 4161356.URPN. | USPAT | 2003/05/08 20:46 |
| - | 137 | 118/\$.ccls. and ((conic\$ trianl\$) with (chamber apparatus) with (flow\$3 direct\$3)) | USPAT; US-PGPUB | 2003/05/08 20:50 |

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| - | 98 | (US-5429676-\$ or US-4607592-\$ or US-5160545-\$ or US-6358320-\$ or US-6416579-\$ or US-5769946-\$ or US-5672376-\$ or US-5326415-\$ or US-5350600-\$ or US-5024862-\$ or US-4457258-\$ or US-4414252-\$ or US-4233933-\$ or US-4158343-\$ or US-3970035-\$ or US-6183559-\$ or US-3664354-\$ or US-6149729-\$ or US-6063197-\$ or US-4982696-\$ or US-5354580-\$ or US-4423701-\$ or US-4993360-\$ or US-3612822-\$ or US-6189806-\$ or US-5536322-\$).did. or (US-4342631-\$ or US-3804059-\$ or US-5811050-\$ or US-6470650-\$ or US-6380518-\$ or US-6357385-\$ or US-6291800-\$ or US-3603285-\$ or US-5112466-\$ or US-5160544-\$ or US-4314834-\$ or US-5302209-\$ or US-6296732-\$ or US-5975745-\$ or US-5662977-\$ or US-4918800-\$ or US-4584859-\$ or US-4250604-\$ or US-3793063-\$ or US-3781524-\$ or US-3600918-\$ or US-6308654-\$ or US-4161356-\$ or US-6273955-\$ or US-6231673-\$ or US-6146462-\$ or US-5846328-\$).did. or (US-5908507-\$ or US-5773088-\$ or US-5803976-\$ or US-5364481-\$ or US-5296036-\$ or US-5196100-\$ or US-5032461-\$ or US-5053252-\$ or US-4749591-\$ or US-4599244-\$ or US-4508054-\$ or US-4115601-\$ or US-4088471-\$ or US-3850679-\$ or US-6302966-\$ or US-4989541-\$).did. or (US-20030075107-\$ or US-20030024479-\$ or US-20020153819-\$ or US-20020128151-\$ or US-20020098359-\$ or US-20020081478-\$ or US-20020073920-\$ or US-20010028974-\$ or US-20020134311-\$ or US-20020002945-\$ or US-20020069826-\$).did. or (DE-4327427-\$).did. or (JP-10168576-\$ or JP-05148607-\$ or JP-61131417-\$ or JP-60161619-\$ or JP-05086478-\$ or JP-04136176-\$ or JP-63224220-\$).did. or (EP-1104349-\$ or EP-771466-\$ or EP-665776-\$ or JP-01315130-\$ or JP-11329702-\$ or US-5855683-\$ or JP-60161619-\$ or JP-2001192829-\$ or US-4596208-\$ or JP-61279677-\$).did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2003/05/09 11:35 |
| - | 10 | (US-2789064-\$ or US-0662910-\$ or US-2000077-\$ or US-2157944-\$ or US-2688304-\$ or US-2572743-\$ or US-1831064-\$ or US-2157944-\$ or US-2812272-\$ or US-3472423-\$ or US-3104184-\$).did. | USOCR | 2003/05/09 11:35 |

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|---|------|---|--------------------|------------------|
| - | 1 | ((US-5429676-\$ or US-4607592-\$ or US-5160545-\$ or US-6358320-\$ or US-6416579-\$ or US-5769946-\$ or US-5672376-\$ or US-5326415-\$ or US-5350600-\$ or US-5024862-\$ or US-4457258-\$ or US-4414252-\$ or US-4233933-\$ or US-4158343-\$ or US-3970035-\$ or US-6183559-\$ or US-3664354-\$ or US-6149729-\$ or US-6063197-\$ or US-4982696-\$ or US-5354580-\$ or US-4423701-\$ or US-4993360-\$ or US-3612822-\$ or US-6189806-\$ or US-5536322-\$).did. or (US-4342631-\$ or US-3804059-\$ or US-5811050-\$ or US-6470650-\$ or US-6380518-\$ or US-6357385-\$ or US-6291800-\$ or US-3603285-\$ or US-5112466-\$ or US-5160544-\$ or US-4314834-\$ or US-5302209-\$ or US-6296732-\$ or US-5975745-\$ or US-5662977-\$ or US-4918800-\$ or US-4584859-\$ or US-4250604-\$ or US-3793063-\$ or US-3781524-\$ or US-3600918-\$ or US-6308654-\$ or US-4161356-\$ or US-6273955-\$ or US-6231673-\$ or US-6146462-\$ or US-5846328-\$).did. or (US-5908507-\$ or US-5773088-\$ or US-5803976-\$ or US-5364481-\$ or US-5296036-\$ or US-5196100-\$ or US-5032461-\$ or US-5053252-\$ or US-4749591-\$ or US-4599244-\$ or US-4508054-\$ or US-4115601-\$ or US-4088471-\$ or US-3850679-\$ or US-6302966-\$ or US-4989541-\$).did. or (US-20030075107-\$ or US-20030024479-\$ or US-20020153819-\$ or US-20020128151-\$ or US-20020098359-\$ or US-20020081478-\$ or US-20020073920-\$ or US-20010028974-\$ or US-20020134311-\$ or US-20020002945-\$ or US-20020069826-\$).did. or (DE-4327427-\$).did. or (JP-10168576-\$ or JP-05148607-\$ or JP-61131417-\$ or JP-60161619-\$ or JP-05086478-\$ or JP-04136176-\$ or JP-63224220-\$).did. or (EP-1104349-\$ or EP-771466-\$ or EP-665776-\$ or JP-01315130-\$ or JP-11329702-\$ or US-5855683-\$ or JP-60161619-\$ or JP-2001192829-\$ or US-4596208-\$ or JP-61279677-\$).did.) and (chamber with liner) | USPAT; US-PGPUB | 2003/05/09 11:36 |
| - | 3 | 118/\$.ccls. and (chamber with liner with remov\$4 with protect\$3) | USPAT; US-PGPUB | 2003/05/09 11:41 |
| - | 80 | 118/\$.ccls. and (chamber with liner with remov\$4) | USPAT; US-PGPUB | 2003/05/09 11:38 |
| - | 1 | ("5364481").PN. | USPAT; US-PGPUB | 2004/02/02 11:45 |
| - | 2022 | ((118/719) or (204/298.24-298.28)).CCLS. | USPAT; US-PGPUB | 2004/02/02 14:38 |
| - | 117 | (204/298.27).CCLS. | USPAT; US-PGPUB | 2004/02/02 13:35 |
| - | 4 | ("4675096" "4735540" "4915564" "4943363").PN. | USPAT | 2004/02/02 11:53 |
| - | 18 | 5709785.URPN. | USPAT | 2004/02/02 11:54 |
| - | 2 | 5993556.URPN. | USPAT | 2004/02/02 11:54 |
| - | 0 | 6554980.URPN. | USPAT | 2004/02/02 11:59 |
| - | 11 | ("3856654" "3915117" "4294194" "4643629" "4886592" "5183547" "5379984" "5415729" "5518599" "5698039" "5709785").PN. | USPAT | 2004/02/02 11:59 |
| - | 2 | 6113752.URPN. | USPAT | 2004/02/02 12:03 |
| - | 4 | ("4166018" "4356073" "4443318" "4793908").PN. | USPAT | 2004/02/02 12:03 |

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|---|------|--|--------------------|------------------|
| - | 547 | ((204/298.24) or (204/298.26) or (204/298.28)).CCLS. | USPAT; US-PGPUB | 2004/02/02 13:36 |
| - | 470 | ((204/298.24) or (204/298.26) or (204/298.28)).CCLS.) not ((204/298.27).CCLS.) | USPAT; US-PGPUB | 2004/02/02 13:37 |
| - | 8 | 3616451.URPN. | USPAT | 2004/02/02 13:41 |
| - | 5 | ("3382843" "3206322" "3400066" "2665229" "2816523").PN. | USPAT | 2004/02/02 13:41 |
| - | 7 | 3756939.URPN. | USPAT | 2004/02/02 13:45 |
| - | 1348 | (118/719).CCLS. | USPAT; US-PGPUB | 2004/02/02 15:09 |
| - | 1270 | ((118/719).CCLS.) not (((204/298.27).CCLS.) (((204/298.24) or (204/298.26) or (204/298.28)).CCLS.))) | USPAT; US-PGPUB | 2004/02/02 14:39 |
| - | 1090 | ((118/719).CCLS.) not (((204/298.27).CCLS.) (((204/298.24) or (204/298.26) or (204/298.28)).CCLS.) 118/718.ccls.)) | USPAT; US-PGPUB | 2004/02/02 14:43 |
| - | 34 | 118/719.ccls. and (rotat\$3 with cover) | USPAT; US-PGPUB | 2004/02/02 16:33 |
| - | 1 | 09/812,075 | USPAT; US-PGPUB | 2004/02/02 17:11 |
| - | 0 | shap\$3 with supstrate with vacuum | USPAT; US-PGPUB | 2004/02/02 17:11 |
| - | 1315 | shap\$3 with substrate with vacuum | USPAT; US-PGPUB | 2004/02/02 17:11 |
| - | 298 | (118/\$.ccls. 204/298.\$.ccls. 216/\$.ccls. 156/345.\$.ccls.) and (shap\$3 with substrate with vacuum) | USPAT; US-PGPUB | 2004/02/02 17:29 |
| - | 118 | (118/\$.ccls. 204/298.\$.ccls. 216/\$.ccls. 156/345.\$.ccls.) and (shap\$3 with substrate with vacuum with (pull\$3 mold\$3 press\$3 imprint\$3 form\$3)) | USPAT; US-PGPUB | 2004/02/02 17:16 |
| - | 0 | (118/\$.ccls. 204/298.\$.ccls. 156/345.\$.ccls.) and (216/52.ccls) | USPAT; US-PGPUB | 2004/02/02 17:28 |
| - | 0 | (216/52.ccls) | USPAT; US-PGPUB | 2004/02/02 17:17 |
| - | 746 | (216/52).CCLS. | USPAT; US-PGPUB | 2004/02/02 17:17 |
| - | 30 | (118/\$.ccls. 204/298.\$.ccls. 156/345.\$.ccls.) and (216/52.ccls.) | USPAT; US-PGPUB | 2004/02/02 17:17 |
| - | 6 | 4992138.URPN. | USPAT | 2004/02/02 17:22 |
| - | 1268 | (118/\$.ccls. 204/298.\$.ccls. 216/\$.ccls. 156/345.\$.ccls.) and ((mold\$3 press\$3 imprint\$3 emboss\$3 (form\$3 with shap\$3)) with substrate with vacuum) | USPAT; US-PGPUB | 2004/02/02 17:32 |
| - | 1206 | (118/\$.ccls. 204/298.\$.ccls. 216/\$.ccls. 156/345.\$.ccls.) and ((mold\$3 press\$3 imprint\$3 emboss\$3) with substrate with vacuum) | USPAT; US-PGPUB | 2004/02/02 17:33 |
| - | 307 | (118/\$.ccls. 204/298.\$.ccls. 216/\$.ccls. 156/345.\$.ccls.) and ((mold\$3 press\$3 imprint\$3 emboss\$3) with substrate with vacuum with (shap\$3 form\$3)) | USPAT; US-PGPUB | 2004/02/02 17:33 |
| - | 10 | (118/\$.ccls. 204/298.\$.ccls. 216/\$.ccls. 156/345.\$.ccls.) and ((mold\$3 imprint\$3 emboss\$3) with substrate with vacuum with (shap\$3 form\$3)) | USPAT; US-PGPUB | 2004/02/02 17:37 |
| - | 302 | ((mold\$3 imprint\$3 emboss\$3) with substrate with vacuum with (shap\$3 form\$3)) | USPAT; US-PGPUB | 2004/02/02 17:37 |
| - | 26 | ((mold\$3 imprint\$3 emboss\$3) with substrate with vacuum with (shap\$3 form\$3) with (chamber apparatus)) | USPAT; US-PGPUB | 2004/02/02 17:55 |
| - | 339 | 118/44.ccls. | USPAT; US-PGPUB | 2004/02/02 17:56 |
| - | 3 | 118/44.ccls. and (118/719.ccls. 156/345.31-345.32.ccls. 204/298.23-298.28.ccls.) | USPAT; US-PGPUB | 2004/02/02 18:01 |
| - | 0 | "vacuum shaping assembly" | USPAT; US-PGPUB | 2004/02/02 18:02 |

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| - | 114 | "vacuum shaping" | USPAT; US-PGPUB | 2004/02/02 18:02 |
| - | 0 | "vacuum shaping" with mold with substrate | USPAT; US-PGPUB | 2004/02/02 18:03 |
| - | 40 | "vacuum shaping" with mold | USPAT; US-PGPUB | 2004/02/02 18:17 |
| - | 34 | ("vacuum shaping" with mold) and (coat\$3 film\$3 deposit\$3) | USPAT; US-PGPUB | 2004/02/03 12:51 |
| - | 0 | (c23c016\$.ipc. h011021\$.ipc.) and "vacuum shaping" with mold | EPO; JPO; DERWENT | 2004/02/02 18:18 |
| - | 1 | (c23c016\$.ipc. h011021\$.ipc.) and "vacuum shaping" | EPO; JPO; DERWENT | 2004/02/02 18:18 |
| - | 437494 | mold\$3 "vacuum shaping" | EPO; JPO; DERWENT | 2004/02/02 18:18 |
| - | 23 | mold with "vacuum shaping" | EPO; JPO; DERWENT | 2004/02/02 18:19 |
| - | 1 | ("5811050").PN. | USPAT; US-PGPUB | 2004/02/03 12:31 |
| - | 1760 | "electromagnetic interference" with shield | USPAT; US-PGPUB | 2004/02/03 12:51 |
| - | 12 | "electromagnetic interference" with shield same (shaping thermoform mold) | USPAT; US-PGPUB | 2004/02/03 12:52 |
| - | 12 | ("electromagnetic interference" with shield) same (shaping thermoform mold) | USPAT; US-PGPUB | 2004/02/03 13:02 |
| - | 0 | ("electromagnetic interference" with shield) same (shaping thermoform mold) same (vacuum evacuat\$3 exhaust\$3) | USPAT; US-PGPUB | 2004/02/03 13:03 |
| - | 0 | ((("electromagnetic interference" with shield) with method) same (vacuum evacuat\$3 exhaust\$3) | USPAT; US-PGPUB | 2004/02/03 13:03 |
| - | 0 | ((("electromagnetic interference" with shield) with manufacturing) same (vacuum evacuat\$3 exhaust\$3) | USPAT; US-PGPUB | 2004/02/03 13:03 |
| - | 19 | ((("electromagnetic interference" with shield) with manufacturing) | USPAT; US-PGPUB | 2004/02/03 13:28 |
| - | 1529 | (174/35r).CCLS. | USPAT; US-PGPUB | 2004/02/03 13:29 |
| - | 133 | ((174/35r).CCLS.) and vacuum | USPAT; US-PGPUB | 2004/02/03 13:30 |
| - | 87 | ((174/35r).CCLS.) and (vacuum same (imprint\$3 emboss\$3 shap\$3 thermoform\$3 mold\$3 press\$3 compress\$3 form\$3)) | USPAT; US-PGPUB | 2004/02/03 14:48 |
| - | 1 | "5355016".PN. | USPAT | 2004/02/03 14:27 |
| - | 0 | ((174/35r).CCLS.) and (vacuum same (imprint\$3 emboss\$3 shap\$3 thermoform\$3 mold\$3 press\$3 compress\$3 form\$3)) and cut\$3 | USPAT; US-PGPUB | 2004/02/03 14:48 |
| - | 30 | ((174/35r).CCLS.) and (vacuum same (imprint\$3 emboss\$3 shap\$3 thermoform\$3 mold\$3 press\$3 compress\$3 form\$3)) and cut\$3 | USPAT; US-PGPUB | 2004/02/03 14:48 |
| - | 41 | ((174/35r).CCLS.) and (vacuum same (imprint\$3 emboss\$3 shap\$3 thermoform\$3 mold\$3 press\$3 compress\$3 form\$3)) and cut\$4 | USPAT; US-PGPUB | 2004/02/03 16:05 |
| - | 32 | ((174/35r).CCLS.) and (in\$1line) | USPAT; US-PGPUB | 2004/02/03 16:35 |
| - | 371 | ((174/35r).CCLS.) and (continuous) | USPAT; US-PGPUB | 2004/02/03 16:06 |
| - | 202 | ((174/35r).CCLS.) and (in\$1line continuous) and ((electromagnetic "EMI") with shield) | USPAT; US-PGPUB | 2004/02/03 16:20 |
| - | 12 | ((174/35r).CCLS.) and (in\$1line) and ((electromagnetic "EMI") with shield) | USPAT; US-PGPUB | 2004/02/03 16:16 |
| - | 13 | ((174/35r).CCLS.) and (substrate with continuous\$3) and ((electromagnetic "EMI") with shield) | USPAT; US-PGPUB | 2004/02/03 16:30 |
| - | 1 | ("4986854").PN. | USPAT; US-PGPUB | 2004/02/03 16:31 |
| - | 286 | ((118/715-733).CCLS.) and (control\$3 with vacuum with (heat\$3)) | USPAT; US-PGPUB | 2004/02/04 14:33 |

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| - | 87 | ((118/715-733).CCLS.) and (controller with vacuum with (heat\$3)) | USPAT; US-PGPUB | 2004/02/03 16:39 |
| - | 19 | (204/298\$.ccls.) and (controller with vacuum with (heat\$3)) | USPAT; US-PGPUB | 2004/02/03 16:39 |
| - | 196 | 118/724.ccls. and (control\$4 with (heat\$3 thermal\$3 temperature) with (vacuum exhaust\$3 evacuat\$3)) | USPAT; US-PGPUB | 2004/02/04 11:12 |
| - | 358 | c23c016\$.ipc. and (control\$4 with (heat\$3 thermal\$3 temperature) with (vacuum exhaust\$3 evacuat\$3)) | EPO; JPO; DERWENT | 2004/02/04 11:28 |
| - | 0 | ((118/724.ccls. and (control\$4 with (heat\$3 thermal\$3 temperature) with (vacuum exhaust\$3 evacuat\$3))) (c23c016\$.ipc. and (control\$4 with (heat\$3 thermal\$3 temperature) with (vacuum exhaust\$3 evacuat\$3)))) and 118.724.ccls. | EPO; JPO; DERWENT | 2004/02/04 11:28 |
| - | 3 | ((118/724.ccls. and (control\$4 with (heat\$3 thermal\$3 temperature) with (vacuum exhaust\$3 evacuat\$3))) (c23c016\$.ipc. and (control\$4 with (heat\$3 thermal\$3 temperature) with (vacuum exhaust\$3 evacuat\$3)))) and 118/724.ccls. | EPO; JPO; DERWENT | 2004/02/04 11:34 |
| - | 0 | ((118/724.ccls. and (control\$4 with (heat\$3 thermal\$3 temperature) with (vacuum exhaust\$3 evacuat\$3))) (c23c016\$.ipc. and (control\$4 with (heat\$3 thermal\$3 temperature) with (vacuum exhaust\$3 evacuat\$3)))) and 118/718.ccls. | EPO; JPO; DERWENT | 2004/02/04 11:34 |
| - | 8 | ((118/724.ccls. and (control\$4 with (heat\$3 thermal\$3 temperature) with (vacuum exhaust\$3 evacuat\$3))) (c23c016\$.ipc. and (control\$4 with (heat\$3 thermal\$3 temperature) with (vacuum exhaust\$3 evacuat\$3)))) and 118/718.ccls. | USPAT; US-PGPUB | 2004/02/04 11:49 |
| - | 65 | (118/724.ccls.) and 118/718.ccls. | USPAT; US-PGPUB | 2004/02/04 11:50 |
| - | 38 | (118/724.ccls.) and 118/718.ccls. and (control\$4 computer program\$4) | USPAT; US-PGPUB | 2004/02/04 11:50 |

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| - | 144 | (US-6273955-\$ or US-6231673-\$ or US-6146462-\$ or US-5908507-\$ or US-5846328-\$ or US-5803976-\$ or US-5773088-\$ or US-5364481-\$ or US-5296036-\$ or US-5196100-\$ or US-5053252-\$ or US-5032461-\$ or US-4749591-\$ or US-4599244-\$ or US-4508054-\$ or US-4115601-\$ or US-4088471-\$ or US-3850679-\$ or US-5441615-\$ or US-5429676-\$ or US-4607592-\$ or US-6416579-\$ or US-6358320-\$ or US-5769946-\$ or US-5672376-\$ or US-5350600-\$).did. or (US-5326415-\$ or US-5024862-\$ or US-4457258-\$ or US-4414252-\$ or US-4233933-\$ or US-4158343-\$ or US-3970035-\$ or US-6183559-\$ or US-4992138-\$ or US-3664354-\$ or US-4313783-\$ or US-5354580-\$ or US-4993360-\$ or US-4423701-\$ or US-5160544-\$ or US-5112466-\$ or US-6308654-\$ or US-4161356-\$ or US-6302966-\$ or US-5160545-\$ or US-6149729-\$ or US-6063197-\$ or US-4982696-\$ or US-3612822-\$ or US-6189806-\$ or US-5536322-\$ or US-4342631-\$).did. or (US-3804059-\$ or US-3603285-\$ or US-5811050-\$ or US-6470650-\$ or US-6380518-\$ or US-6357385-\$ or US-6291800-\$ or US-4314834-\$ or US-6554980-\$ or US-6312525-\$ or US-6235171-\$ or US-6203619-\$ or US-5993556-\$ or US-5709785-\$ or US-5302209-\$ or US-4989541-\$ or US-5605637-\$ or US-4696833-\$ or US-6224718-\$ or US-6113752-\$ or US-4985116-\$ or US-4588468-\$ or US-4136940-\$ or US-5317006-\$ or US-3616451-\$ or US-6296732-\$ or US-5975745-\$).did. or (US-5662977-\$ or US-4918800-\$ or US-4584859-\$ or US-4250604-\$ or US-3793063-\$ or US-3781524-\$ or US-3600918-\$ or US-5833916-\$ or US-4877437-\$ or US-4102964-\$ or US-4092141-\$ or US-6570085-\$ or US-6483719-\$ or US-6377475-\$ or US-6271465-\$ or US-6207266-\$ or US-6157548-\$ or US-6031732-\$ or US-5665214-\$ or US-5473111-\$ or US-4795975-\$ or US-6652777-\$ or US-5929376-\$ or US-5088444-\$ or US-4226208-\$ or US-4913090-\$ or US-5882412-\$).did. or (US-20020002945-\$ or US-20020069826-\$ or US-20030075107-\$ or US-20030024479-\$ or US-20020117315-\$ or US-20020134311-\$ or US-20030085122-\$ or US-20020153819-\$ or US-20020128151-\$ or US-20020098359-\$ or US-20020081478-\$ or US-20020073920-\$ or US-20010028974-\$ or US-20040000415-\$ or US-20020046849-\$ or US-20010022230-\$ or US-20010028558-\$).did. or (DE-4327427-\$).did. or (JP-61131417-\$ or JP-60161619-\$ or JP-05086478-\$ or JP-10168576-\$ or JP-04136176-\$ or JP-63224220-\$ or JP-55028854-\$ or JP-05148607-\$).did. or (JP-01315130-\$ or JP-11329702-\$ or US-5855683-\$ or JP-60161619-\$ or JP-2001192829-\$ or JP-61279677-\$ or US-4596208-\$ or SU-1581472-\$ or EP-1104349-\$ or EP-771466-\$ or EP-665776-\$).did. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/02/04 12:01 |
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| - | 11 | (US-2812272-\$ or US-2789064-\$ or US-0662910-\$ or US-2157944-\$ or US-2000077-\$ or US-2688304-\$ or US-2572743-\$ or US-1831064-\$ or US-2157944-\$ or US-3472423-\$ or US-3104184-\$ or US-3756939-\$).did. | USOCR | 2004/02/04 12:01 |
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| - | 102 | ((US-6273955-\$ or US-6231673-\$ or US-6146462-\$ or US-5908507-\$ or US-5846328-\$ or US-5803976-\$ or US-5773088-\$ or US-5364481-\$ or US-5296036-\$ or US-5196100-\$ or US-5053252-\$ or US-5032461-\$ or US-4749591-\$ or US-4599244-\$ or US-4508054-\$ or US-4115601-\$ or US-4088471-\$ or US-3850679-\$ or US-5441615-\$ or US-5429676-\$ or US-4607592-\$ or US-6416579-\$ or US-6358320-\$ or US-5769946-\$ or US-5672376-\$ or US-5350600-\$).did. or (US-5326415-\$ or US-5024862-\$ or US-4457258-\$ or US-4414252-\$ or US-4233933-\$ or US-4158343-\$ or US-3970035-\$ or US-6183559-\$ or US-4992138-\$ or US-3664354-\$ or US-4313783-\$ or US-5354580-\$ or US-4993360-\$ or US-4423701-\$ or US-5160544-\$ or US-5112466-\$ or US-6308654-\$ or US-4161356-\$ or US-6302966-\$ or US-5160545-\$ or US-6149729-\$ or US-6063197-\$ or US-4982696-\$ or US-3612822-\$ or US-6189806-\$ or US-5536322-\$ or US-4342631-\$).did. or (US-3804059-\$ or US-3603285-\$ or US-5811050-\$ or US-6470650-\$ or US-6380518-\$ or US-6357385-\$ or US-6291800-\$ or US-4314834-\$ or US-6554980-\$ or US-6312525-\$ or US-6235171-\$ or US-6203619-\$ or US-5993556-\$ or US-5709785-\$ or US-5302209-\$ or US-4989541-\$ or US-5605637-\$ or US-4696833-\$ or US-6224718-\$ or US-6113752-\$ or US-4985116-\$ or US-4588468-\$ or US-4136940-\$ or US-5317006-\$ or US-3616451-\$ or US-6296732-\$ or US-5975745-\$).did. or (US-5662977-\$ or US-4918800-\$ or US-4584859-\$ or US-4250604-\$ or US-3793063-\$ or US-3781524-\$ or US-3600918-\$ or US-5833916-\$ or US-4877437-\$ or US-4102964-\$ or US-4092141-\$ or US-6570085-\$ or US-6483719-\$ or US-6377475-\$ or US-6271465-\$ or US-6207266-\$ or US-6157548-\$ or US-6031732-\$ or US-5665214-\$ or US-5473111-\$ or US-4795975-\$ or US-6652777-\$ or US-5929376-\$ or US-5088444-\$ or US-4226208-\$ or US-4913090-\$ or US-5882412-\$).did. or (US-20020002945-\$ or US-20020069826-\$ or US-20030075107-\$ or US-20030024479-\$ or US-20020117315-\$ or US-20020134311-\$ or US-20030085122-\$ or US-20020153819-\$ or US-20020128151-\$ or US-20020098359-\$ or US-20020081478-\$ or US-20020073920-\$ or US-20010028974-\$ or US-20040000415-\$ or US-20020046849-\$ or US-20010022230-\$ or US-20010028558-\$).did. or (DE-4327427-\$).did. or (JP-61131417-\$ or JP-60161619-\$ or JP-05086478-\$ or JP-10168576-\$ or JP-04136176-\$ or JP-63224220-\$ or JP-55028854-\$ or JP-05148607-\$).did. or (JP-01315130-\$ or JP-11329702-\$ or US-5855683-\$ or JP-60161619-\$ or JP-2001192829-\$ or JP-61279677-\$ or US-4596208-\$ or SU-1581472-\$ or EP-1104349-\$ or EP-771466-\$ or EP-665776-\$).did.) and (controls computer program\$4) | USPAT; US-PGPUB | 2004/02/04 12:03 |
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| - | 1 | ((118/715-733.CCLS.) and ((creat\$3 adj vacuum) same ((begin\$3 initiat\$3 start\$3) with heat\$3)) | USPAT; US-PGPUB | 2004/02/04 14:53 |
| - | 1 | c23c016\$.ipc. and ((creat\$3 adj vacuum) same ((begin\$3 initiat\$3 start\$3) with heat\$3)) | USPAT; US-PGPUB | 2004/02/04 14:54 |
| - | 0 | c23c016\$.ipc. and ((creat\$3 adj vacuum) same ((begin\$3 initiat\$3 start\$3) with heat\$3)) | EPO; JPO; DERWENT | 2004/02/04 14:55 |
| - | 36 | ((creat\$3 adj vacuum) same ((begin\$3 initiat\$3 start\$3) with heat\$3)) | USPAT; US-PGPUB | 2004/02/04 15:01 |
| - | 14 | 156/345\$.ccls. and ((creat\$3 adj vacuum) same (heat\$3 temperature thermal\$4)) | USPAT; US-PGPUB | 2004/02/04 15:05 |
| - | 93 | 427/\$.ccls. and ((creat\$3 adj vacuum) same (heat\$3 temperature thermal\$4)) | USPAT; US-PGPUB | 2004/02/04 15:32 |
| - | 6 | 4592926.URPN. | USPAT | 2004/02/04 15:12 |
| - | 14 | 427/\$.ccls. and (control\$4 same(creat\$3 adj vacuum) same (heat\$3 temperature thermal\$4)) | USPAT; US-PGPUB | 2004/02/04 15:33 |
| - | 14 | 427/\$.ccls. and (control\$4 same (creat\$3 adj vacuum) same (heat\$3 temperature thermal\$4)) | USPAT; US-PGPUB | 2004/02/04 15:43 |
| - | 39 | (deposit\$3 coat\$3) same (heat\$3 with controller with vacuum) | EPO; JPO; DERWENT | 2004/02/04 15:47 |